

8 November 1955

MEMORANDUM FOR: Contracting Officer

SUBJECT : Minicard Equipment

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1. Herewith is a memorandum prepared by [] and [] which covers a number of points including their recommended list of Minicard equipment. I understand that, subject to some disagreement on the P-2 camera, this list reflects the views not only of [] and [] but also of Eastman. On this understanding, Mr. Amory and I have approved it.

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2. You will note that the estimated price of the whole list is []. It is assumed that some [] toward this total cost will be chargeable to the AQUATONE budget leaving [] chargeable to an Office of Photo Interpretation (OPI) budget. This is some \$17,000 more than the estimate contained in the memorandum sent forward to the Director, which will be corrected to reflect this larger sum. The question of the P-2 camera remains open until we have an opportunity to review this matter with [].

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3. Under the heading of "Unresolved Issues," the first item (requirements for positive transparencies, dup negatives, and prints) was discussed but no conclusions could be arrived at. It was our consensus that we may want as many as four or five transparencies plus three or four prints. These numbers, together with the original negative, would add up to more than the total of seven copies on which our planning has been based. The possibility of this larger requirement need not pose any financial problem since we can charge our customers for copies in excess of one. It might, however, overstrain the facility currently planned by Eastman. It will take some time before these requirements can be finally crystallized. Meanwhile, we should discover the capacity of the processing (not Minicard) equipment that is being installed by Eastman, allowing for two- or three-shift operation.

4. It has been intimated to us several times by both [] [] that Eastman might be prepared to build and to furnish on a rental basis some or all of the Minicard equipment while retaining title in the Eastman Company. We agreed in the course of our meeting that such

- 2 -

an arrangement would be highly desirable from the standpoint of the Agency at least for a one-year period. This could be regarded as an experimental period which we on our side would learn what volume of material we were going to have to handle, and the company on its side could modify and improve the equipment. This is a matter which should be explored definitively with them.

5. I would appreciate it if you would undertake the following three assignments in this matter:

(a) Extract from Eastman a firm proposal for the attached list (both with and without the P-2 camera). In this connection you should note that the figures for miscellaneous equipment and for systems were merely copied from earlier lists and you should also note that the cost of viewers in this list is 50 to 100 percent higher than their cost per unit in earlier lists. These matters should be clarified.

(b) Explore with Eastman the capacity and flexibility of their processing equipment to produce different positive transparencies, dup negatives, and positive prints. At a later stage, we will wish to develop a cost for each type of additional copy.

(c) Determine whether Eastman is prepared to install any or all of this equipment in Washington while retaining title to it and to charge a rental for its use for a period of one year.

25X1A (d) Arrange with Eastman for a meeting at a suitable time with [] to crystallize the whole plan and to settle the question of the P-2 camera.

25X1A 6. As to the number of copies that will be required, I venture the opinion that few if any of our customers will wish to receive, or will be able to handle, full sets--that is, copies of all usable photography. Instead, I suggest they will wish to look at plots or other catalogues and order what they want, at retail as it were. This would reduce the burden on the Eastman facility and the cost of film but would require us to be in a position to produce positive and negative transparencies and prints promptly and in sizable numbers from the original negatives in our possession. Accordingly, I have asked [] to investigate the equipment that will be required to give us this capability and then to try to estimate the cost of such equipment.

[]
RICHARD M. BISSELL, JR.
Project Director

Attachment

cc: []

4 November 1955

MEMORANDUM FOR THE RECORD

SUBJECT: 2 November 1955 Meeting at Eastman Kodak Company in
Rochester, New York

Present:

[Redacted box]

A. GENERAL

The purpose of the meeting was to review a procedural outline as applied to the Minicard operation and its related problems (see attached 1st draft). The objectives were:

- (1) To obtain a common understanding of and agreement to terms of reference of the Minicard Program.
- (2) To determine what constituted a minimum Minicard equipment installation.
- (3) To develop new or additional ways of efficiently utilizing the minimal Minicard equipment installation.
- (4) To finalize understanding as to immediate equipment requirements.
- (5) To discuss Minicard equipment requirements for effective service, subsequent to initial minimum installation.

B. AREAS OF AGREEMENT

- (1) Eastman indicated acceptance of the principle of having the initial installation in Washington with debugging to be done by them until the system operated satisfactorily. ✓
- (2) Eastman accepted the assumption that distribution of film and prints would be done by them to authorized recipients.
- (3) Eastman agreed that a system of edge stamping static basic identification data on the developed negative, probably could be worked if variable data relating to each frame could be generated within the camera. They will pursue the idea. A typical format will be prepared by OPI for study.

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(4) A simple method of indexing photo coverage to a 100 square mile area would be desirable in the recall of material, even if an increase in the number of PI Scanners were required to absorb the load from other than PI section.

C. UNRESOLVED ISSUES

It is likely that further agreement could have been reached had answers to the following questions been available.

(1) How many film and paper copies should Eastman make? CIA agreed its needs would be satisfied with the original negative film, a master positive film print and a positive paper print. Eastman is presently planning to make an additional negative film print. How are copies to be provided to the Services? How shipped to CIA and Services? Should the utiliziers begin to get together regularly?

Orig Neg	Pos Transp	Pos Print
CIA	CIA USAF	CIA USAF USAF
	Army Navy	Army Navy
	4	5

(2) What data, variable or static, for each frame exposed during a mission is automatically generated within the camera and recorded at time of exposure?

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(3) What base maps are to be used in the plotting operation? Maps of a scale 250,000:1 do not exist for the whole area. Would it be worth approximately [] for example, to enlarge WAC maps to this scale and thereby provide a plotting overlay which conforms to present standards and could easily be adapted to 1:250,000 maps when they are produced?

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(4) The desirability of purchasing and using a P-2 camera was discussed. Eastman believes this piece of equipment to be essential to the minimum system and it is already partially built. [] was of the opinion that the money to be spent on P-2 was premature and could be more wisely spent on PI equipment. No definite decision was reached although it was recognized that by combining in one physical location the processing, filing, and selective operation of the two OCR the Minicard Program would more than offset the cost of the P-2.

(5) Is dissemination to the Services of a one-to-one copy of the overlay prepared by the CIA Plotters required under the CIA mission? Minicard could substitute for this costly and bulky service if the Services provided themselves with Minicard viewers and were satisfied with the results.

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EYES ONLY

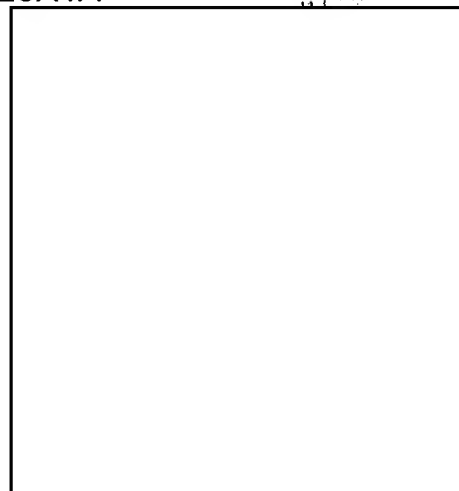
(6) A meeting of representatives of all potential users should be held in order to plan, at the earliest time, how best to fulfill their requirements.

D. MINICARD EQUIPMENT REQUIREMENTS, MINIMUM FOR OPI

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Camera, Graphic Index and Document
Camera FI 19:1
Processor
Cutter
Duplicator (sophisticated)
Filing Sorter
Enlarger Air Photo
Viewer
Flexowriters
Miscellaneous equipment
Systems

Camera P2 5:1



*NOTE: If the OPI installation was physically located adjacent to the OCR document facility it is/that this equipment could be used jointly.
likely

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Exec/CR

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SAPC- 2221
Copy 2 of 4

19 October 1955

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[redacted]

Fortunately your latest proposals arrived after our phone conversation and I had something specific to reference in the attached letter, consequently have changed the attached letter to be more specific.

25X1A You will also note the entire amount available for this procurement will be obligated. Determination of costs in this instance will be as agreed upon for the other items, up to the obligated amount. [redacted] thereafter you are on your own with respect to costs since Joe and Gene have no additional funds for this procurement and have anticipated delivery of the items within this amount under either arrangement.

Any costs you have incurred to date for these items, if otherwise good and valid costs, will be costs under the proposed arrangement.

We will initiate action to recover the funds from the other group after you release your document, and will keep you posted.

George

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Distribution:

Orig [redacted]
2 [redacted] Master ✓
3 - Chrono
4 - Reading

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